

METHOD, DEVICE, AND COMPUTER PROGRAM PRODUCT FOR FACILITATING A CUSTOM DESIGN PROCESS

Abstract of the Disclosure

A method, device, and computer program product for facilitating a custom design process
5 are disclosed. The data capture phase of the design process is facilitated by providing two or
more data structure types. At least one data structure contains flexible design constraints or
inputs. At least one other data structure contains firm or invariant design constraints or inputs. At
least one data structure of each type is used, however more than one of each type of data
structure may be used. Data elements within each data structure are assigned an additional class
10 attribute, the set of class attributes determined by the design method used. The assigned data
attributes are used to translate captured data into a final design specification. A tool is disclosed
which simplifies data capture, and automates data translation.